

Title (en)  
RECLINING ADJUSTER

Title (de)  
Rücklehnenneigungseinsteller

Title (fr)  
Dispositif de réglage d'inclinaison

Publication  
**EP 1842715 A1 20071010 (EN)**

Application  
**EP 06712502 A 20060127**

Priority  
• JP 2006301336 W 20060127  
• JP 2005019945 A 20050127

Abstract (en)  
A reclining adjuster has a lower bracket fixed to a seat cushion; an upper bracket fixed to a seatback and connected to the lower bracket so as to be rotatable about a shaft; a lock mechanism capable of having a locked state where rotation of the upper bracket relative to the lower bracket is locked and a released state where the lock is released; and an emergency lock mechanism for preventing relative rotation between the lock mechanism and the upper bracket when it occurs. In the emergency lock mechanism, when a cam projection of an outer toothed ring gear is pressed in the circumferential direction by a cam pin of a disk member by the relative rotation therebetween, the outer toothed ring gear meshes with both inner teeth of the lower bracket and inner teeth of the upper bracket.

IPC 8 full level  
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CPC (source: EP US)  
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